

SUPPLEMENTAL INFORMATION DISCLOSURE CITATION

PTO-1449

 ATTORNEY'S DKT NO.
032367-449

 APPLICATION NO.
09/457,926

 APPLICANT
BURTON G. CHRISTENSEN, et al.

 FILING DATE
December 8, 1999

 GROUP
1627

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>[initials]</i>	5,519,134	5/21/96	Acevedo, et al.			
<i>[initials]</i>	5,718,915	2/17/98	Virtanen, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>[initials]</i>	97/35195	9/25/97	WIPO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	Bianchi, M., et al. "Suppression of Proinflammatory Gytokines in Monocytes by a Tetravalent Guanylyhydrozone." <i>J. Exp. Med.</i> 183: 927-936 (1996).
<i>[initials]</i>	Cole, B.M., et al. "Discovery of Chiral Catalysts through Ligand Diversity: Ti-Catalyzed Enantioselective Addition of TMSCN to <i>meso</i> Epoxides." <i>Angew. Chem. Int. Ed. Engl.</i> 35(1): 1668-1671 (1996).
<i>[initials]</i>	Ehrhardt, et al. "Structure Activity Studies of Quinolone-Penems in Genetically Defined Strains of Escherichia coli." <i>Antimicrobial Agents and Chemotherapy.</i> 41(11): 2570-2572 (1997).
<i>[initials]</i>	Holmes, D.S., et al. "Synthesis and Structure-Activity Relationships of a Series of Penicillin-Derived HIV-Proteinase Inhibitors Containing a Stereochemically Unique Peptide Isostere." <i>J. Med. Chem.</i> 36: 3129-3136 (1993).
<i>[initials]</i>	Liang, R., et al. "Parallel Synthesis and Screening of a Solid Phase Carbohydrate Library." <i>Science.</i> 274: 1520-1522 (1996).
<i>[initials]</i>	Menger, F.M., et al. "Phosphatase Catalysis Developed via Combinatorial Organic Chemistry." <i>J. Org. Chem.</i> 60: 6666-6667 (1995).
<i>[initials]</i>	Velazquez, S., et al. "Synthesis and Anti-HIV Activity of [AZT]-[TSAO-T] and [AZT]-[HEPT] Dimers as Potential Multifunctional Inhibitors of HIV-1 Reverse Transcriptase." <i>J. Med. Chem.</i> 38: 1641-1649 (1995).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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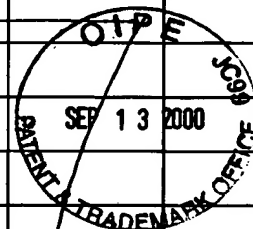
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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<i>ml</i>	3,763,154	10/2/73	Henniger			
	3,904,616	9/9/75	Sugimoto, et al.			
	3,981,865	9/21/73	Salkawa, et al.			
	4,816,582	3/28/89	Furlenmeier, et al.			
	5,180,719	1/19/93	White, et al.			
	5,273,973	12/28/98	White, et al.			
	5,434,147	7/18/95	White, et al.			
	5,447,913	9/5/95	Ammons, et al.			
	5,491,139	2/13/96	Demuth, Jr., et al.			
	5,530,116	6/25/96	Demuth, Jr., et al.			
	5,637,580	6/10/97	White, et al.			
	5,646,139	7/8/97	White, et al.			
	5,648,346	7/15/97	White, et al.			
	5,656,623	8/12/97	White, et al.			
	5,693,791	12/2/97	Truett			
<i>ml</i>	5,734,047	3/31/98	Kim, et al.			



FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
<i>ml</i>	WO 89/04313	5/18/89	PCT WIPO				
<i>are</i>	WO 90/04594	5/3/90	PCT WIPO				
<i>are</i>	WO 90/04595	5/3/90	PCT WIPO				
<i>ml</i>	WO 92/05802	4/16/92	PCT WIPO				
<i>12/14/01 ml</i>	322810	12/23/88	Europe				

ml 6/13/01

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
Al	Albrecht, H.A. "Dual-action cephalosporins: Cephalosporin 3' quarternary ammonium quinolones." J. Med. Chem., 34, 2857 (1991)
	Corraz, A.J., et al. "Dual-action penems and carbapenems." J. Med. Chem (1992)
	Jhoti, H., et al. "X-ray crystallographic studies of a series of penicillin-derived asymmetric inhibitors of HIV-1 protease." 33, 8417 (1994)
	Murata, et al. "Effect of Dimerization of the D-Glucose Analogue of Muramyl Dipeptide on Stimulation of Macrophagelike Cells.: Carbohydrate Res. 297, 127-133 (1997)
	Pitlik, et al. "Solution-Phase Synthesis of a Combinatorial Monocyclic β -Lactam Library: Potential Protease Inhibitors." Bioor. Med. Chem. Lett. 7:24, 3129-3134 (1997)
	Portuguese, Philip. S. "The Role of Concepts in Structure-Activity Relationship Studies of Opioid Ligands." Journal of Medicinal Chemistry. 35:11, 1927-1937 (1992)
	Rodrigues-Tebar, et al. "Labelling and cross-linking of E. coli penicillin binding proteins with β -lactam antibiotics." Eur. J. Biochem. 139, 287 (1984)
	Ruhland, et al. "Solid-Supported Combinatorial Synthesis of Structurally Diverse β -Lactams." J. Am. Chem. Soc. 118, 253-254 (1996)
	Shuker, et al. "Discovering High-Affinity Ligands for Proteins: SAR by NMR." Science, 274, 1531-1534 (1996)
	Snyder, N, et al. "SAR of carbacephalosporins and cephalosporins: Antibacterial activity and interaction with the intestinal proton-dependent dipeptide transport carrier of caco-2 cells." Antimicrob. and Chemother. 41:8, 1649 (1997)
EXAMINER	DATE CONSIDERED 6/3/01

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